

**METHOD AND APPARATUS FOR MULTI-REALM SYSTEM
MODELING****Abstract of the Disclosure**

5 A method and apparatus are provided for multi-realm system modeling (MRSM) for dividing systems into components, defining realms containing objects representing system components, optionally defining relationships between the system components, defining associations between realms sufficient to unify objects in the realms when needed, and unifying objects in the realms
10 based on the associations. The realms are defined in a way that enables unified processing for various applications of MRSM.